

SEQUENCE LISTING

<110> Bowles, Dianna et al.

<120> Glucosyltransferase

<130> 5585-74167-01

<150> PCT/GB04/004330

<151> 2004-10-12

<150> 0323813.6

<151> 2003-10-13

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<170> PatentIn version 3.1

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Ala Gln Ser Gln Phe Leu Asn Ser Pro Gly Cys Asp Ala Ala Leu Val  
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Asp Ile Val Gly Leu Pro Thr Pro Asp Ile Ser Gly Leu Val Asp Pro  
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Ser Ala Phe Phe Gly Ile Lys Leu Leu Val Met Met Arg Glu Thr Ile  
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Pro Thr Ile Arg Ser Lys Ile Glu Glu Met Gln His Lys Pro Thr Ala  
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Leu Ile Val Asp Leu Phe Gly Leu Asp Ala Ile Pro Leu Gly Gly Glu  
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Phe Asn Met Leu Thr Tyr Ile Phe Ile Ala Ser Asn Ala Arg Phe Leu  
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Tyr Arg Glu Phe Val Pro Phe Gly Ser Val Phe Pro Thr Cys Asp Gly  
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Ile Ile Val Asn Thr Trp Asp Asp Met Glu Pro Lys Thr Leu Lys Ser  
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Leu Gln Asp Pro Lys Leu Leu Gly Arg Ile Ala Gly Val Pro Val Tyr  
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Leu Ala Trp Gly Leu Glu Met Ser Gln Gln Arg Phe Val Trp Val Val  
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Ser Gly Lys Ile Arg Asp Gly Thr Pro Asp Tyr Leu Pro Glu Gly Phe  
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Gln Ala Glu Ile Leu Ala His Gln Ala Val Gly Gly Phe Leu Thr His

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Thr Lys Ile Gly Val Ile Met Arg Ala Ala Val Pro Ala Leu Arg Ser  
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Lys Ile Ala Ala Met His Gln Lys Pro Thr Ala Leu Ile Val Asp Leu  
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Phe Gly Thr Asp Ala Leu Cys Leu Ala Lys Glu Phe Asn Met Leu Ser  
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Tyr Val Phe Ile Pro Thr Asn Ala Arg Phe Leu Gly Val Ser Ile Tyr  
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Tyr Pro Asn Leu Asp Lys Asp Ile Lys Glu Glu His Thr Val Gln Arg  
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Asn Pro Leu Ala Ile Pro Gly Cys Glu Pro Val Arg Phe Glu Asp Thr  
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Leu Asp Ala Tyr Leu Val Pro Asp Glu Pro Val Tyr Arg Asp Phe Val  
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Gly Gly Cys Leu Ser Ala Lys Gln Leu Thr Glu Leu Ala Trp Gly Leu  
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Phe Ala Glu Gln Asn Met Asn Ala Ala Leu Leu Ser Asp Glu Leu Gly  
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Ile Ala Val Arg Leu Asp Asp Pro Lys Glu Asp Ile Ser Arg Trp Lys  
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Ile Glu Ala Leu Val Arg Lys Val Met Thr Glu Lys Glu Gly Glu Ala  
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Met Arg Arg Lys Val Lys Lys Leu Arg Asp Ser Ala Glu Met Ser Leu  
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Val Gln Ser Lys Leu Leu Asn Ser Thr Gly Val Asp Ile Val Asn Leu  
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Pro Ser Pro Asp Ile Ser Gly Leu Val Asp Pro Asn Ala His Val Val  
65 70 75 80

Thr Lys Ile Gly Val Ile Met Arg Glu Ala Val Pro Thr Leu Arg Ser  
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Lys Ile Val Ala Met His Gln Asn Pro Thr Ala Leu Ile Ile Asp Leu  
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Phe Gly Thr Asp Ala Leu Cys Leu Ala Ala Glu Leu Asn Met Leu Thr  
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Tyr Pro Thr Leu Asp Glu Val Ile Lys Glu Glu His Thr Val Gln Arg  
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Trp Glu Glu Met Glu Pro Lys Ser Leu Lys Ser Leu Gln Asp Pro Lys  
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Leu Leu Gly Arg Val Ala Arg Val Pro Val Tyr Pro Val Gly Pro Leu  
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Cys Arg Pro Ile Gln Ser Ser Thr Thr Asp His Pro Val Phe Asp Trp  
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Gly Ser Ser Cys Ser Asp Tyr Phe Ser Ala Lys Gly Gly Val Thr Lys  
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Ala His Gln Ala Val Gly Gly Phe Leu Thr His Cys Gly Trp Ser Ser  
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Thr Leu Glu Ser Val Leu Cys Gly Val Pro Met Ile Ala Trp Pro Leu  
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Met Arg Arg Lys Val Lys Lys Leu Arg Asp Thr Ala Glu Met Ser Leu  
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